

## EAST SEARCH

2/28/04

L#	Hits	Search String	Databases
L1	2875	specular same illuminat\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L2	225	1 and (polariz\$ same diffuse\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L3	10	5631976.uref.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L4	56	702/159.cols. and (face or human)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L5	19	52/18427.uref.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L6	1	5930383.PN.	USPAT
L7	16	356/601.ccls. and (polariz\$5 and specular\$2)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L8	22	356/601.ccls. and (human and face)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L9	17	356/3364.ccls. and (human and face)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L10	993	camera same filter\$5 same polariz\$5 same light\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L11	1	6606579.PN.	USPAT
L12	1	6501547.PN.	USPAT
L13	1	6266136.PN.	USPAT
L14	114	10 and (human and face)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

Results of search set L2:

WO 9829708 A1	DEPTH-FROM-DEFOCUS OPTICAL APPARATUS WITH INVARIANCE TO SURFACE REFLECTANCE PROPERTIES	19980709
WO 9306687 A1	IMAGE READER	19930401
WO 2073514 A2	METHOD AND APPARATUS FOR REDUCING SPECULAR REFLECTION FROM A SCANNABLE SURFACE	
US RE37752 E	Polarization viewer	20020919
US 6692137 B2	Display system using a hybrid backlight reflector	20020618
US 6678632 B1	Spectro-polarimetric remote surface-orientation measurement	20040217
US 6671452 B2	Luminaire device	20040113
US 6663262 B2	Backlighting transmissive displays	20031230
US 6650916 B2	Method and apparatus for providing high contrast imaging	20031216
US 6639674 B2	Methods and apparatus for polarized reflectance spectroscopy	20031118
US 6636363 B2	Bulk complex polymer lens light diffuser	20031028
US 6628352 B1	Liquid crystal display apparatus and electronic device incorporating the same	20031021
US 6606153 B2	wherein the optical guide having particular periodic structure	20030930
US 6594090 B2	Process and assembly for non-destructive surface inspections	20030812
	Laser projection display system	20030715

US 6590654 B1	Polarized illumination and detection for metrological applications	20030708	356/369
US 6583936 B1	Patterned roller for the micro-replication of complex lenses	20030624	359/619
US 6580483 B2	Reflection-type liquid crystal display device	20030617	349/115
US 6577429 B1	Laser projection display system	20030610	359/279
US 6573961 B2	High-brightness color liquid crystal display panel employing light recycling therein	20030603	349/115
US 6563653 B2	Digital imaging system for assays in well plates, gels and blots	20030513	359/778
US 6540359 B1	Image projection system	20030401	353/20
US 6531230 B1	Color shifting film	20030311	428/480
US 6515785 B1	Optical devices using reflecting polarizing materials	20030204	359/247
US 6498690 B2	Digital imaging system for assays in well plates, gels and blots	20021224	359/778
US 6497946 B1	Diffuse reflective articles	20021224	428/317.9
US 6483613 B1	Reflective display device and a light source for a display device	20021119	359/19
US 6465255 B1	Method for identifying and probing phase transitions in materials	20021015	436/164
US 6459425 B1	System for automatic color calibration	20021001	345/207
US 6449089 B1	Rear projection screen with enhanced contrast	20020910	359/454
US 6447135 B1	Lightguide having a directly secured reflector and method of making the same	20020910	362/31
US 6441973 B1	Digital imaging system for assays in well plates, gels and blots	20020827	359/778
US 6438396 B1	Method and apparatus for providing high contrast imaging	20020820	600/310
US 6434257 B1	Size recognition system with method for determining price of a commodity	20020813	382/110
US 6424407 B1	Optical translation measurement	20020723	356/28
US 6381058 B2	Digital imaging system for assays in well plates, gels and blots	20020430	359/242
US 6367699 B2	Method and apparatus for utilizing specular light to image low contrast symbols	20020409	235/462.49
US 6348995 B1	Reflective optical polarizer device with controlled light distribution and liquid crystal display incorporating the same	20020219	359/486
US 6335999 B1	Multilayer luminaire device	20020101	385/146
US 63333773 B1	Image display panel employing a broad-band polarizing/reflective backlighting	20011225	349/176
US 6310964 B1	Structure and a pixelated array of reflective-type of filtering elements	20011030	382/110
US 6271916 B1	Produce size recognition system	20010807	356/237.3
US 6259855 B1	Process and assembly for non-destructive surface inspections	20010710	385/146
US 6229913 B1	Illumination device and method for making the same		
US 6223988 B1	Apparatus and methods for determining the three-dimensional shape of an object using active illumination and relative blurring in two-images due to defocus	20010508	382/154
US 6208466 B1	Hand-held bar code reader with laser scanning and 2D image capture	20010501	235/472.01
US 6194698 B1	Multilayer reflector with selective transmission	20010327	359/584
	Electro-optical sensor circuitry	20010227	250/214A

US 6188460 B1	Image display panel having a backlighting structure and a single-layer pixelated array of reflective-type spectral filtering elements where between light is recycled for producing color images with enhanced brightness	20010213	349/176
US 6166787 A	Optical display device having prismatic film for enhanced viewing	20001226	349/57
US 6137570 A	System and method for analyzing topological features on a surface	20001024	356/237.5
US 6112114 A	Eye examination apparatus employing polarized light probe	20000829	600/476
US 6105869 A	Symbol reading device including optics for uniformly illuminating symbology	20000822	235/454
US 6104939 A	Method and apparatus for reflected imaging analysis	20000815	600/322
US 6099522 A	Automated laser workstation for high precision surgical and industrial interventions	20000808	606/10
US 6088541 A	Color-balanced glare reduction system for flash cameras	20000711	396/155
US 6081376 A	Reflective optical polarizer device with controlled light distribution and liquid crystal display incorporating the same	20000627	359/485
US 6069565 A	System for detecting ice or snow on surface which specularly reflects light	20000530	340/583
US 6047964 A	Scratch card, and method and apparatus for validation of the same	20000411	273/138.1
US 6046811 A	Method and apparatus for determining electrical conductivity of a surface of an object	20000404	356/369
US 6044196 A	Luminaire device	20000328	385/146
US 6042237 A	Image projection module and image projection device provided with such a module	20000328	353/38
US 6039553 A	Apparatus for molding light extraction structures onto a light guide	20000321	425/115
US 6033604 A	Method for molding light extraction structures onto a light guide	20000307	264/1.24
US 6028671 A	Method and system for suppressing unwanted reflections in an optical system	20000222	356/368
US 6027216 A	Eye fixation monitor and tracker	20000222	351/200
US 6011626 A	Characterization of highly scattering media by measurement of diffusely backscattered polarized light	20000104	356/367
US 6005959 A	Produce size recognition system	19991221	382/110
US 6002829 A	Luminaire device	19991214	385/146
US 5986730 A	Dual mode reflective/transmissive liquid crystal display apparatus	19991116	349/96
US 5983120 A	Method and apparatus for reflected imaging analysis	19991109	600/310
US 5976686 A	Diffuse reflective articles	19991102	428/317.9
US 5963284 A	LCD with diffuser having diffusing particles therein located between polarizers	19991005	349/112
US 5949506 A	LCD with diffuser having diffusing particles therein located between polarizers	19990907	349/112
US 5940054 A	Triboelectric electret	19990817	345/85
US 5940049 A	Remote interactive projector with image enhancement	19990817	353/20
US 5937557 A	Fingerprint-acquisition apparatus for access control; personal weapon and other systems controlled thereby	19990817	4270.01
US 5929443 A	Imaging of objects based upon the polarization or depolarization of light	19990727	250/341.3

US 5912768 A	Depth-from-defocus optical apparatus with invariance to surface reflectance properties	19990615	359/629
US 5900975 A	Ghost image extinction in an active range sensor	19990504	359/493
US 5883714 A	Method and apparatus for detecting defects on a disk using interferometric analysis on reflected light	19990316	356/484
US 5878152 A	Depth from focal gradient analysis using object texture removal by albedo normalization	19990302	382/106
US 5875029 A	Apparatus and method for surface inspection by specular interferometric and diffuse light detection	19990223	356/450
US 5872354 A	Hand-held data capture system with interchangeable modules including autofocus data file reader using the slope of the image signal to determine focus	19990216	235/462.24
US 5838406 A	Light reflectant surface of expanded polytetrafluoroethylene with nodes and fibrils for backlit liquid crystal displays	19981117	349/113
US 5838239 A	System for detecting ice or snow on surface which specularly reflects light	19981117	340/583
US 5812252 A	Fingerprint--Acquisition apparatus for access control; personal weapon and other systems controlled thereby	19980922	356/71
US 5811777 A	Method and apparatus for utilizing specular light to image low contrast symbols	19980922	235/462.01
US 5808800 A	Optics arrangements including light source arrangements for an active matrix liquid crystal image generator	19980915	359/630
US 5793879 A	Image analysis for meat	19980811	382/110
US 5793470 A	Latent-image projection system and method	19980811	353/20
US 5790259 A	Reflection-type photoelectric sensing apparatus	19980804	356/445
US 5787890 A	Eye examination apparatus employing polarized light probe	19980804	600/476
US 5751836 A	Automated, non-invasive iris recognition system and method	19980512	382/117
US 5721603 A	Illumination system and display device including such a system	19980224	349/194
US 5635726 A	Electro-optical sensor for marks on a sheet	19970603	250/559.44
US 5632205 A	Apparatus for the spatial orientation and manipulation of a game ball	19970527	101/483
US 5631976 A	Object imaging system	19970520	382/174
US 5617076 A	System for detecting ice or snow on surface which specularly reflects light	19970401	340/583
US 5608453 A	Automatic optical inspection system having a weighted transition database	19970304	348/87
US 5596246 A	High contrast TFEL display in which light from the transparent phosphor layer is reflected by an electrode layer and the TFEL diffuse reflectance &lt; about 2%	19970121	313/502
US 5594830 A	Luminaire device	19970114	385/146
US 5589822 A	System for detecting ice or snow on surface which specularly reflects light	19961231	340/583
US 5572596 A	Automated, non-invasive iris recognition system and method	19961105	382/117
US 5570186 A	Method for inspecting the curvature of a profile, such an edge of a turbine blade	19961029	356/613

US 5557324 A	19960917	345/207
US 5552890 A	19960903	356/369
US 5546475 A	19960813	382/190
US 5541745 A	19960730	349/194
US 5541419 A	19960730	250/566
US 5532738 A	19960702	348/61
US 5528720 A	19960618	385/146
US 5528287 A	19960618	348/25
US 5517234 A	19960514	348/126
US 5477321 A	19951219	356/319
US 5475370 A	19951212	340/583
US 5408998 A	19950425	600/334
US 5402228 A	19950328	356/340
US 5400175 A	19950321	359/361
Polarization viewer		
Gloss measurement system		
Produce recognition system		
Illumination system for a display using cholesteric liquid crystal reflectors		
Symbology reader with reduced specular reflection		
System for detecting ice or snow on surface which specularly reflects light		
Tapered multilayer luminaire devices		
Multi-level retarder plate polarization dependent imaging		
Automatic optical inspection system having a weighted transition database		
Dual beam tunable spectrometer		
System for detecting ice or snow on surface which specularly reflects light		
Video based tissue oximetry		
On-line dirt counter		
Ultraviolet radiation and blue light blocking polarizing lens		
A display having a standard or reversed schieren microprojector at each picture element	19941004	349/5
Method and apparatus for automatic optical inspection	19940726	356/369
Scanning laser lithography system alignment apparatus	19940705	347/233
Apparatus for the uniform illumination of a surface	19940517	362/19
Reflective grain defect scanning	19931012	250/559.18
Optical inspection system for solder joints and inspection method	19930921	356/394
Contraband detection system	19930713	342/179
Automatic refractor, lensmeter and keratometer utilizing Badal optics	19930504	351/211
Fiber optic faceplate liquid crystal display	19930119	349/63
Ultraviolet radiation and blue light blocking polarizing lens	19930105	351/44
Paper roughness or glass sensor using polarized light reflection	19921110	250/559.01
Improved bar code reader system for reading bar codes under high specular reflection conditions with a variety of surface effects	19920922	235/462.06
US 5353133 A		
US 5333052 A		
US 5327338 A		
US 5313373 A		
US 5252836 A		
US 5247344 A		
US 52277800 A		
US 5208619 A		
US 5181130 A		
US 5177509 A		
US 5162660 A		
US 5149948 A		
US 5138162 A	19920811	250/330
US 5129726 A	19920714	356/402
US 5108179 A	19920428	356/344
US 5073782 A	19911217	342/179
US 5035490 A	19910730	349/63
US 5028138 A	19910702	356/369
US 5010241 A	19910423	235/462.24
US 4878756 A	19891107	356/406

US 4878748 A	Ultraviolet radiation and blue light blocking polarizing lens	19891107	351/44
US 48453761 A	Letter mail address block locator system	19890704	382/101
US 4782219 A	System and method for reading specular barcodes	19881101	235/462.21
US 4752799 A	Optical proximity sensing optics	19880621	396/109
US 4731854 A	Optical system for producing an image for a set of characters	19880315	382/105
US 4677298 A	Method of monitoring ink-water balance on a lithographic printing press	19870630	250/341.8
US 4671642 A	Image forming apparatus	19870609	399/7
US 4649426 A	Electronic imaging system and technique	19870310	348/90
US 4548506 A	Nondestructive analysis of multilayer roughness correlation	19851022	356/446
US 4526441 A	Method and electrolytic display for selectively displaying an image	19850702	359/271
US 4470696 A	Laser doppler velocimeter	19840911	356/28.5
US 4469442 A	Detecting irregularities in a coating on a substrate	19840904	356/364
US 4196973 A	Transflector for illuminated electrooptic displays	19800408	349/68
US 4184175 A	Method of and apparatus for optically detecting anomalous subsurface structure in translucent articles	19800115	348/66
US 4107678 A	Polarization correlation target seeker	19780815	342/62
US 4068234 A	Frequency scanned illumination imaging array	19780110	342/179
US 4044247 A	Polarization reference imaging technique	19770823	398/205
US 4011445 A	Optical array active radar imaging technique	19770308	398/205
US 38011182 A	OPTICAL SCANNING APPARATUS	19740402	356/369
US 3754135 A	LIGHT TREATING MEANS	19730821	362/293
US 3703338 A	VEILING REFLECTION AND ILLUMINATION METER	19721121	356/222
US 3682531 A	HIGH CONTRAST DISPLAY DEVICE	19720808	359/493
US 36233809 A	OPTICAL SYSTEM WITH POLARIZING FILTERS FOR LINE FOLLOWER HEAD	19711130	355/66
US 20040028370 A1	Optical element containing nano-composite particles	20040212	385/145
US 20040027672 A1	Optical element containing an interference fringe filter	20040212	359/586
US 20040023612 A1	Apparatus and methods for the volumetric and dimensional measurement of livestock	20040205	452/157
US 20040005451 A1	Diffuse reflective articles	20040108	428/317.9
US 20030232445 A1	Spectroscopic diagnostic methods and system	20031218	436/63
US 20030231309 A1	Spectroscopic diagnostic methods and system	20031218	356/338
US 20030223064 A1	METHOD AND SYSTEM FOR CANCELING SYSTEM RETARDANCE ERROR IN AN OPHTHALMOLOGICAL POLARIMETER	20031204	356/364
US 20030214812 A1	Light diffuser with variable diffusion	20031120	362/330
US 20030214719 A1	Light diffuser containing perimenter light director	20031120	359/599
US 20030214718 A1	Light reflector with variable diffuse light reflection	20031120	359/599
US 20030214717 A1	Light diffuser with colored variable diffusion	20031120	359/599
US 20030174328 A1	Calibration system and method for calibration of various types of polarimeters	20030918	356/366
US 20030170442 A1	Surface formed lenses on voided polymer light diffuser	20030911	428/315.5

US 20030169514 A1	Surface formed complex polymer lenses for visible light diffusion	20030911	359/707
US 20030169513 A1	Surface formed complex polymer lenses diffuse reflector	20030911	359/707
US 20030169512 A1	Transparent surface formed complex polymer lenses	20030911	359/707
US 20030169504 A1	<b>BULK COMPLEX POLYMER LENS LIGHT DIFFUSER</b>	20030911	359/622
US 20030169499 A1	Surface formed complex multi-layered polymer lenses for light diffusion	20030911	359/599
US 20030142288 A1	Optical translation measurement	20030731	356/28
US 20030128313 A1	Light diffusion material with color temperature correction	20030710	349/112
US 20030123150 A1	Microvoided light diffuser	20030703	359/599
US 20030120156 A1	Motion measuring device	20030626	600/473
US 20030118807 A1	Stacked microvoided light diffuser	20030626	428/315.5
US 20030118805 A1	Diffuse reflective articles	20030626	428/304.4
US 20030118750 A1	Microvoided light diffuser containing optical contact layer	20030626	428/1.3
US 20030103760 A1	<b>OPTICAL ELEMENT HAVING PROGRAMMED OPTICAL STRUCTURES</b>	20030605	385/146
US 20030090804 A1	Optical devices having reflective and transmissive modes for display	20030515	359/619
US 20030068638 A1	Nanoparticle imaging system and method	20030410	435/6
US 20030052893 A1	Coloring information adding method and apparatus, and image processing method and apparatus	20030320	345/589
US 20030048639 A1	Backlighting transmissive displays	20030313	362/296
US 20030042438 A1	Methods and apparatus for sensing degree of soiling of currency, and the presence of foreign material	20030306	250/556
US 20030039036 A1	Laser projection display system	20030227	359/707
US 200300355972 A1	Color shifting film articles	20030220	428/480
US 20030020703 A1	System for distributing and controlling color reproduction at multiple sites	20030130	345/207
US 20030016930 A1	Ultra thin radiation management and distribution systems with hybrid optical waveguide	20030123	385/133
US 20020198516 A1	Automated laser workstation for high precision surgical and industrial interventions	20021226	606/5
US 20020173778 A1	Automated laser workstation for high precision surgical and industrial interventions	20021121	606/5
US 20020172432 A1	Specular reflection in captured images	20021121	382/274
US 20020168147 A1	Optical circuit pick and place machine	20021114	385/53
US 20020167811 A1	Display system using a hybrid backlight reflector	20021114	362/318
US 20020167733 A1	Compact display device	20021114	359/625
US 20020159162 A1	Digital imaging system for assays in well plates, gels and blots	20021031	359/663
US 20020135752 A1	Methods and apparatus for polarized reflectance spectroscopy	20020926	356/39
US 20020131183 A1	Digital imaging system for assays in well plates, gels and blots	20020919	359/663
US 20020125411 A1	Method and apparatus for reducing specular reflection from a scannable surface	20020912	250/225
US 20020113921 A1	<b>HIGH-BRIGHTNESS COLOR LIQUID CRYSTAL DISPLAY PANEL EMPLOYING LIGHT RECYCLING THEREIN</b>	20020822	349/96

US 20020111546 A1	Method and apparatus for providing high contrast imaging	20020815	600/322
US 20020091323 A1	Eye examination apparatus employing polarized light probe	20020711	600/476
US 20020087085 A1	Apparatus and Process for examining a surface	20020704	600/476
US 20020075431 A1	Reflection-type liquid crystal display device	20020620	349/106
US 20020065468 A1	Methods and apparatus for diagnostic multispectral digital imaging	20020530	600/476
US 20020061178 A1	Luminaire device	20020523	385/133
US 20020051130 A1	Process and assembly for non-destructive surface inspections	20020502	356/237.3
US 20010036546 A1	Dimensionally stabilized diffuse reflective articles	20011101	428/316.6
US 20010036013 A1	Optical devices using reflecting polarizing materials	20011101	359/599
US 20010028510 A1	Digital imaging system for assays in well plates, gels and blots	20011011	359/663
US 20010019078 A1	<b>METHOD AND APPARATUS FOR UTILIZING SPECULAR LIGHT TO IMAGE LOW CONTRAST SYMBOLS</b>	20010906	235/462.01
NN85014685	Polarization Enhancement Feature on 4dm Vision Engineering Dynascope	19850101	
NN83102577	Variable Intensity Programmable Illumination Sensor	19831001	
NN79091360	Detection Of Surface Irregularities On Magnetic Recording Media. September 1979.	19790901	
NN7606205	Diffuse Reflectance Measurement Technique. June 1976.	19760601	
NN76022976	Dip Probe for Paint Colorimeter. February 1976.	19760201	
NN71022701	Illumination and Imaging for Optical Character Recognition. February 1971.	19710201	
NN70101391	High Contrast Filter System. October 1970.	19701001	
EP 559913 A1	IMAGE READER.	19930915	
<b><u>Results f s arch set L14:</u></b>			
US RE37752 E	Polarization viewer	20020618	348/207.99
US H000737 H	Light intensity compressor	19900206	349/1
US 6683716 B1	Stereoscopic video/film adapter	20040127	359/465
US 6681133 B2	Methods and apparatus for obtaining enhanced spectroscopic information from living tissue	20040120	600/473
US 6669341 B2	Ophthalmic instrument having waveform sensor with multiple imaging devices that simultaneously capture multiple images of an array of spots produced by a lenslet array	20031230	351/211
US 6650765 B1	System for simultaneously imaging vehicles and their license plates	20031118	382/105
US 6641484 B2	Gaming machine including security data collection device	20031104	463/47
US 6631991 B2	Ophthalmic instrument having hartmann waveform sensor deriving location of spots with spot fitting techniques	20031014	351/221
US 6628355 B1	Liquid crystal display panel including a light shielding film to control incident light	20030930	349/106
US 6595642 B2	Ophthalmic instrument having Hartmann waveform sensor with extended source	20030722	351/211

US 6553296 B2	Vehicular occupant detection arrangements	20030422	701/45
US 6543899 B2	Auto-stereoscopic viewing system using mounted projection	20030408	353/7
US 6512385 B1	Method for testing a device under test including the interference of two beams	20030128	324/73
US 6507779 B2	Vehicle rear seat monitor	20030114	701/45
	Apparatus and method for objective measurement of optical systems using		
	wavefront analysis	20021224	351/212
	Apparatus and method for objective measurements of optical systems using		
	wavefront analysis	20021008	351/211
US 6497483 B2	Apparatus and method for objective measurements of optical systems using	20020827	701/45
	wavefront analysis	20020611	382/124
US 6460997 B1	Vehicular component control systems and methods	20020514	324/751
US 6442465 B2	System for the touchless recognition of hand and finger lines		
US 6404904 B1	Electro-optic sampling probe		
US 6388454 B1	Methods for obtaining enhanced spectroscopic information from living tissue, noninvasive assessment of skin condition and detection of skin abnormalities	20020305	600/473
US 6352502 B1	Method and apparatus for providing uniform diffuse illumination to a surface	20020129	362/293
US 6341878 B1	Methods for determining the identification and position of and monitoring objects		
US 6324453 B1	in a vehicle	20011127	701/45
US 6275335 B1	Single-lens 3D method, microscope, and video adapter	20010814	359/464
US 6269565 B1	Display device	20010807	40/361
US 6259865 B1	Stereoscopic beam splitter optical converter device for video systems	20010710	396/327
US 6243198 B1	High efficiency electromagnetic beam projector and systems and method for implementation thereof	20010605	359/483
	Dot matrix-type display device with optical low-pass filter fixed to a member via an adhesive bonding	20001114	349/112
	Electronic camera having an illuminator with dispersing ring lens	20001031	348/251
	Color-balanced glare reduction system for flash cameras	20000711	396/155
	Method and apparatus for automatically making keys	20000523	409/83
	Display device	20000321	349/5
	Skin examination device	20000229	600/476
	High speed topography measurement of semi-diffuse objects	20000215	351/212
	Camera optical accessories therefor and method of use	19990921	396/164
	Fluorescence imaging system	19990824	356/318
	Method and apparatus for examining optic nerve head circulation	19981103	600/479
	Method and apparatus for a portable non-contact label imager	19981013	235/462.01
	Method of detecting eye fixation using image processing	19981006	382/115
	Automatic electronic camera for label image capture	19981006	348/364
	Method and apparatus for automatically making keys	19980915	409/83
	Image display device and optical low-pass filter	19980526	353/31
	Image display device with optical low-pass filter	19980407	349/57

US 5729640 A	Process of acquiring with an X=Y scannable array camera light emanated from a subject	19980317	382/321
US 5640246 A	Apparatus for measuring reflected light utilizing spherically arranged optical fibers	19970617	356/445
US 5632282 A	Ocular disease detection apparatus	19970527	600/558
US 5615294 A	Apparatus for collecting light and its method of manufacture	19970325	385/115
US 5576783 A	Recording and reproducing a 3-dimensional image	19961119	396/322
US 5557324 A	Polorization viewer	19960917	345/207
US 5475617 A	Process of reconstructing a single data profile of rapidly measured hemispherical scattered or radiated light	19951212	382/254
US 5371368 A	Ultrafast optical imaging of objects in a scattering medium	19941206	250/341.1
US 5355895 A	Ocular disease detection apparatus	19941018	600/558
US 5317654 A	Selective collating and inserting apparatus	19940531	382/101
US 5313542 A	Apparatus and method of rapidly measuring hemispherical scattered or radiated light	19940517	385/115
US 5299275 A	Optical fiber filter for reducing artifacts in imaging apparatus	19940329	385/116
US 5239373 A	Video computational shared drawing space	19930824	348/14.01
US 5225861 A	Apparatus for projection of three-dimensional images	19930706	353/7
US 5146246 A	Apparatus for presentation of three-dimensional images	19920908	353/7
US 5016282 A	Eye tracking image pickup apparatus for separating noise from feature portions	19910514	382/117
US 4978986 A	Camera accessories for contrast control	19901218	396/544
US 4975969 A	Method and apparatus for uniquely identifying individuals by particular physical characteristics and security system utilizing the same	19901204	382/116
US 4918517 A	System and process for video monitoring a welding operation	19900417	348/90
US 4902889 A	Optical sight system for the detection and recording of infringements of the road traffic regulations, using a laser	19900220	250/222.1
US 4851902 A	Automatic inspection system for IC lead frames and visual inspection method thereof	19890725	348/126
US 4785171 A	Fingerprint acquisition system with a fiber optic block	19881115	250/227.28
US 4498749 A	Folded optical large format photomicrographic camera system	19850212	396/432
US 4336459 A	Method and apparatus for detecting fluorescence under ambient light conditions	19820622	250/459.1
US 4247177 A	3D Multichrome filters for spectacle frames	19810127	351/44
US 4184175 A	Method of and apparatus for optically detecting anomalous subsurface structure in translucent articles	19800115	348/66
US 4178090 A	3-Dimensional camera device	19791211	396/331
US 4175829 A	3-Dimensional camera device	19791127	359/472
US 4134644 A	3D Color pictures with multichrome filters	19790116	359/466

US 4112167 A	Skin cleansing product having low density wiping zone treated with a lipophilic cleansing emollient	19780905	428/154
US 4026656 A	Stone detector	19770531	356/51
US 4018519 A	Composite photography apparatus and method utilizing a polarizing beam splitting unit	19770419	352/89
US 3990087 A	3-Dimensional camera	19761102	396/331
US 3963348 A	Device for detecting strain and foreign matters in glass container by a non-storage type pickup tube	19760615	356/33
US 3690233 A	PHOTOGRAPHING MEANS	19720912	396/180
US 3680949 A	RELIEF ILLUSION TELEVISION VIEWING APPARATUS	19720801	359/478
US 3602637 A	OPTICAL SYSTEM FOR TRICOLOR SEPARATION	19710831	348/338
US 20040023612 A1	Apparatus and methods for the volumetric and dimensional measurement of livestock	20040205	452/157
US 20030225345 A1	System and method for improving skin texture monitored with a probe device	20031204	600/572
US 20030209893 A1	Occupant sensing system	20031113	280/735
US 20030187798 A1	Digital watermarking methods, programs and apparatus	20031002	705/50
US 20030162226 A1	High-throughput formation, identification, and analysis of diverse solid-forms	20030828	435/7.1
US 20030138940 A1	Apparatus and method for high-throughput preparation and characterization of compositions	20030724	435/287.1
US 20030125855 A1	Vehicular monitoring systems using image processing	20030703	701/36
US 20030123148 A1	High efficiency electromagnetic beam projector, and systems and methods for implementation thereof	20030703	359/484
US 20030123057 A1	Apparatus and method for high-throughput preparation and spectroscopic classification and characterization of compositions	20030703	356/301
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US 20030103261 A1	Techniques for reducing observed glare by using polarized optical transmission & reception devices	20030605	359/352
US 20030095800 A1	Universal security camera	20030522	396/427
US 20030071969 A1	Ophthalmic instrument with adaptive optic subsystem that measures aberrations (including higher order aberrations) of a human eye and that provides a view of compensation of such aberrations to the human eye	20030417	351/221
US 20030067312 A1	Voltage testing and measurement	20030410	324/753
US 20030060280 A1	Gaming machine including security data collection device	20030327	463/29
US 20030057972 A1	Voltage testing and measurement	20030327	324/752
US 20030053031 A1	Ophthalmic instrument having hartmann wavefront sensor with extended source	20030320	351/221
US 20030053030 A1	Ophthalmic instrument having adaptive optic subsystem with multiple stage phase compensator	20030320	351/221

US 20030053029 A1	Opthalmic instrument having wavefront sensor with multiple imaging devices that simultaneously capture multiple images of an array of spots produced by a lenslet array	20030320	351/221
US 20030053028 A1	Ophthalmic instrument having hartmann wavefront sensor deriving location of spots with spot fitting techniques	20030320	351/221
US 20030036751 A1	Apparatus and method for laser treatment with spectroscopic feedback	20030220	606/9
US 20020159030 A1	Apparatus and method for objective measurement of optical systems using wavefront analysis	20021031	351/212
US 20020116106 A1	Vehicular monitoring systems using image processing	20020822	701/45
US 20020098518 A1	Rapid identification of conditions, compounds, or compositions that inhibit, prevent, induce, modify, or reverse transitions of physical state	20020725	435/7.1
US 20020091322 A1	Method and apparatus for noninvasive assessment of skin condition and diagnosis of skin abnormalities	20020711	600/476
US 20020087085 A1	Apparatus and Process for examining a surface	20020704	600/476
US 20020060298 A1	Pattern forming member applied to sectioning image observation apparatus and sectioning image observation apparatus using them	20020523	250/492.22
US 20020057438 A1	Method and apparatus for capturing 3D surface and color thereon in real time	20020516	356/601
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US 20020029103 A1	Vehicle rear seat monitor	20020307	701/45
US 20010041884 A1	Method for determining and correcting vision	20011115	606/5
US 20010040724 A1	Single-lens 3D method, microscope, and video adapter	20011115	359/376
US 20010029416 A1	Vehicular component control systems and methods	20011011	701/45
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JP 2002112970 A	Skin surface observation camera used on human body, has adjustment knob for varying intensity of LED for angle adjustment of polarizing filters used in removing regular reflection light component	20020416	